

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 07/82833

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C07K 2/00; G01N 33/48; G06N 3/00 (2008.04)

USPC - 530/323; 703/11

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

USPC: 530/323; 703/11

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC: 530/323; 703/11; 530/300 (text search)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

Electronic Data Bases: (PGPB, EPAB, JPAB, USPT); Google Scholar

Search Terms: PP2A, protein phosphatase 2A, crystal, NMR, PR65/A, microcystin, okadaic, fostreicin, in silico, electronic screening coordinates candidate compounds, virtual screening, drug design

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ----- Y	XING et al. Structure of protein phosphatase 2A core enzyme bound to tumor-inducing toxins. IN: Cell 20 October 2006 (20.10.2006) Vol 127 No 2 Pg: 341-53. Especially pg 341 left col para 2, pg 342 fig 1D, pg 344 left col para 2, pg 347 fig 4A, pg 353 right col "Accession Numbers".	17,18, 26-29,38-40 ----- 1-16,19-25,30-37,41,42
Y	WO 2006/015258 A2 (JOSHUA-TOR et al). 9 February 2006 (09.02.2006). especially pg 4 ln 30 -31, pg 5 ln 2-15, pg 27 ln 5-10, pg 29 pg 4-6, pg 41 ln 23-25, pg 42 ln 18-20, pg 45 ln 18-19.	1-16,19-25,30-37,41,42
Y	GUERGNON et al. IN: Mol Pharmacol. April 2006 Vol 69 No 4 Pg: 1115-1124. especially Pg 1118 fig 2B.	14,15

☐ Further documents are listed in the continuation of Box C.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

1 October 2008 (01.10.2008)

Date of mailing of the international search report

09 OCT 2008

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